

ZKO272

Target Position: exon 7

Sense Strand Sequence

tcaaataaagtgttcctgttccaacggctcttctgcataacacttaagaagatgtagagaatgtgaggattaagagc
ttcataaagcacttcaatgtgttatgacgggactcaaaataacagataaacggtcacttttttagGTGGAAGATGTG
GTCATAGAAGCTGCAGCTCCCTGGCTCGCAGACAGAGGgtgagtaatattgcctataaatgtaaatca
acctttaatattaaaagctgaacttttagcatgcattcaaccactagtaatcttaaataataattataatgatgattta
tattgagagggtgcagaaattcatctaaacctcaagagggtgcattaa

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO272a: 4bp deletion

CLUSTAL format alignment by MAFFT G-INS-i (v7.215)

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WT          CATAGAAGCTGCAGCTCCCTGGCTCGCAGACAGAGGGTGAGTTAATATTTGCCTATAAAT
ZKO272a     CATAGAAGCTGCAGCTCCCTGGCTCG-----CAGAGGGTGAGTTAATATTTGCCTATAAAT
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